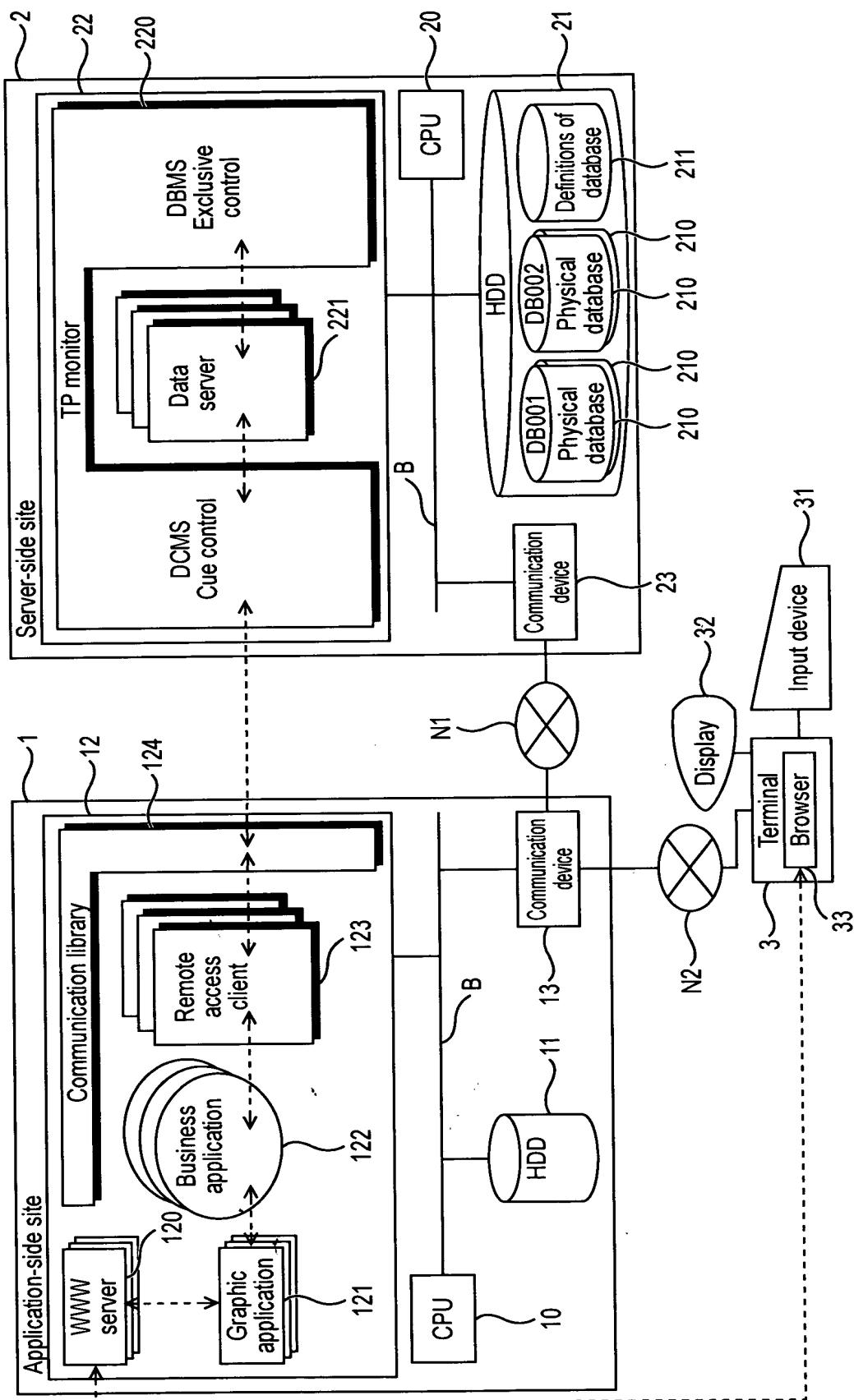
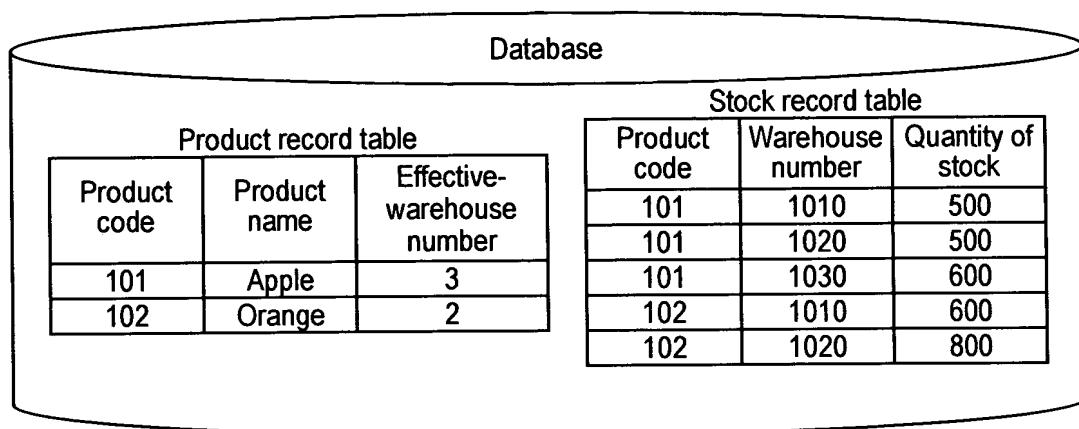


FIG.1



## FIG.2



## FIG.3

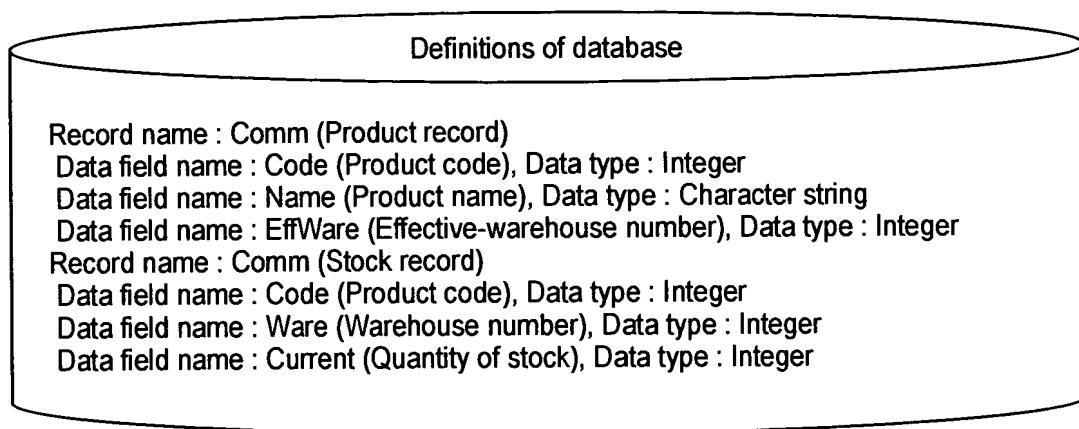


FIG.4

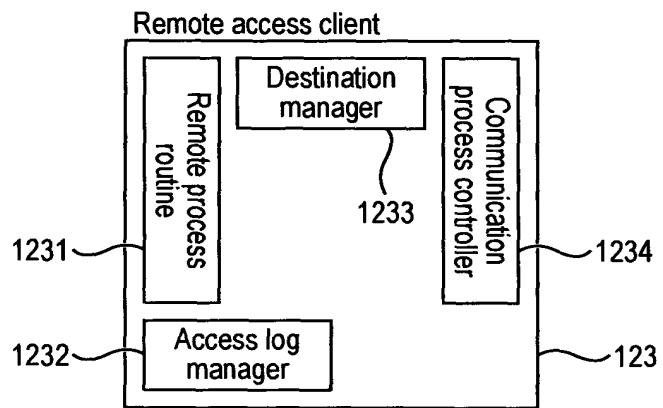
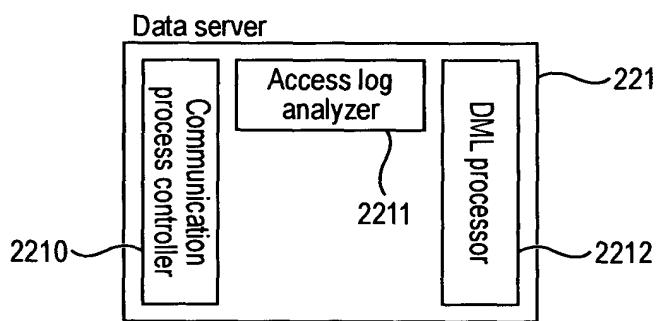
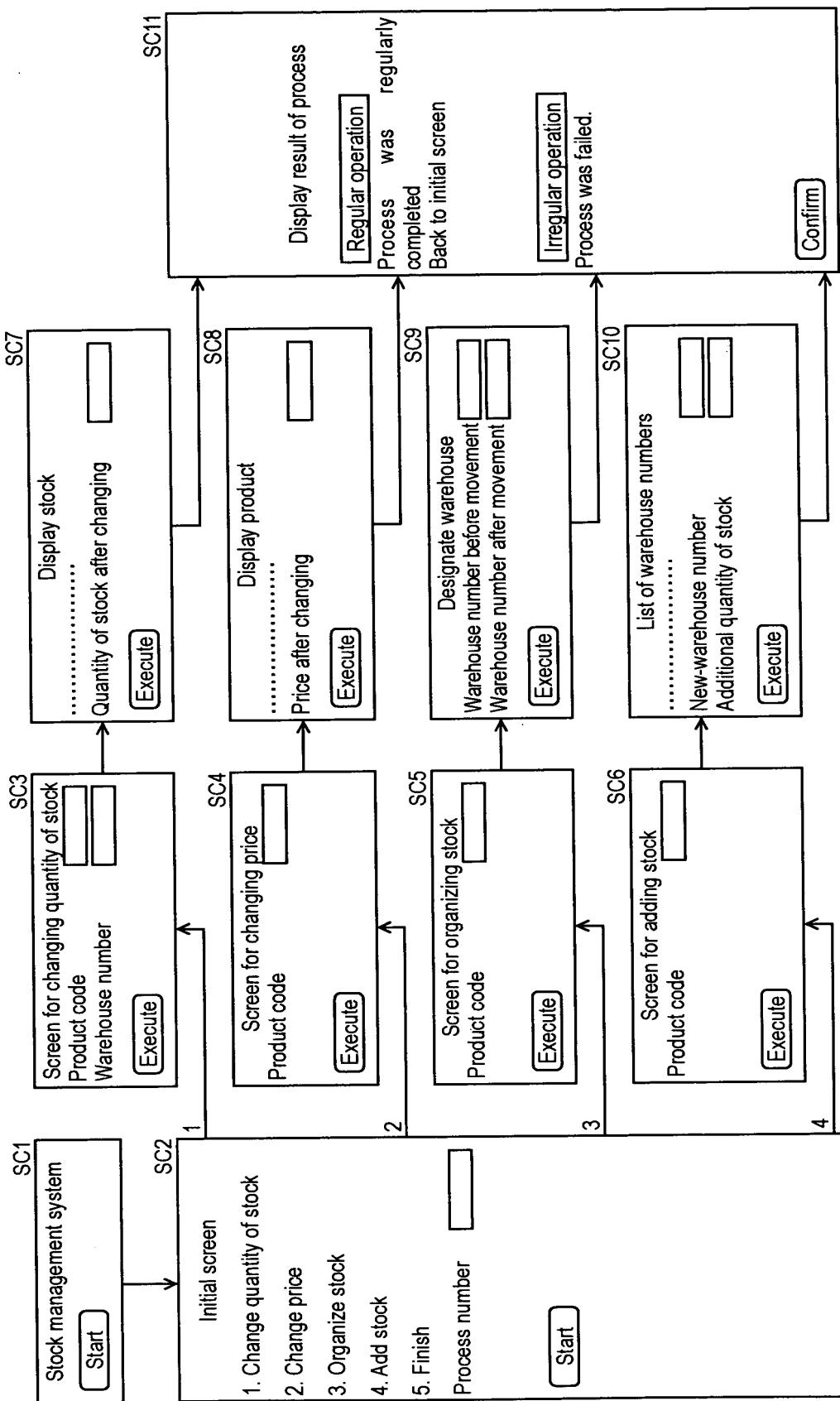


FIG.5

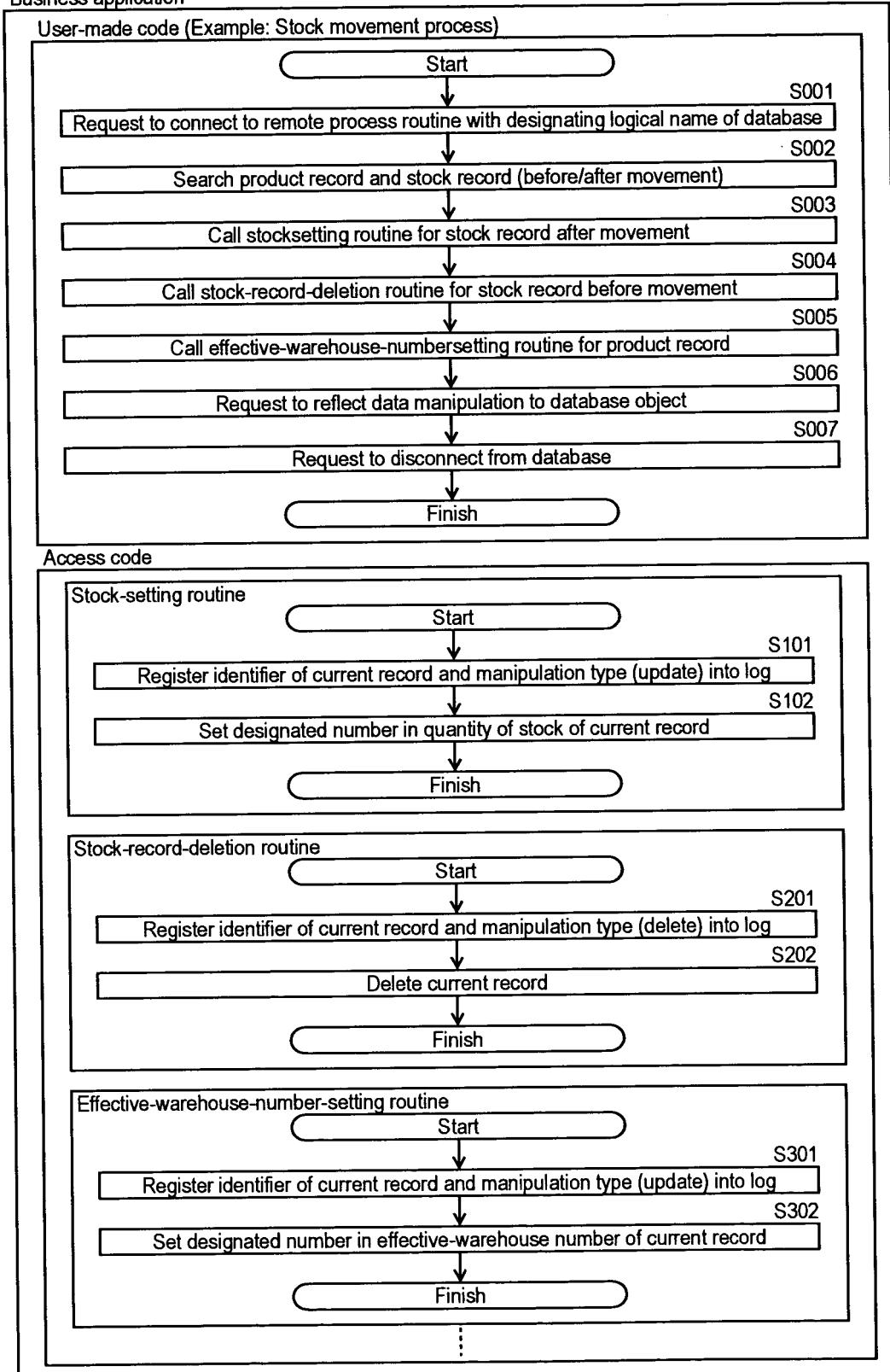


**FIG.6**



# FIG.7

## Business application

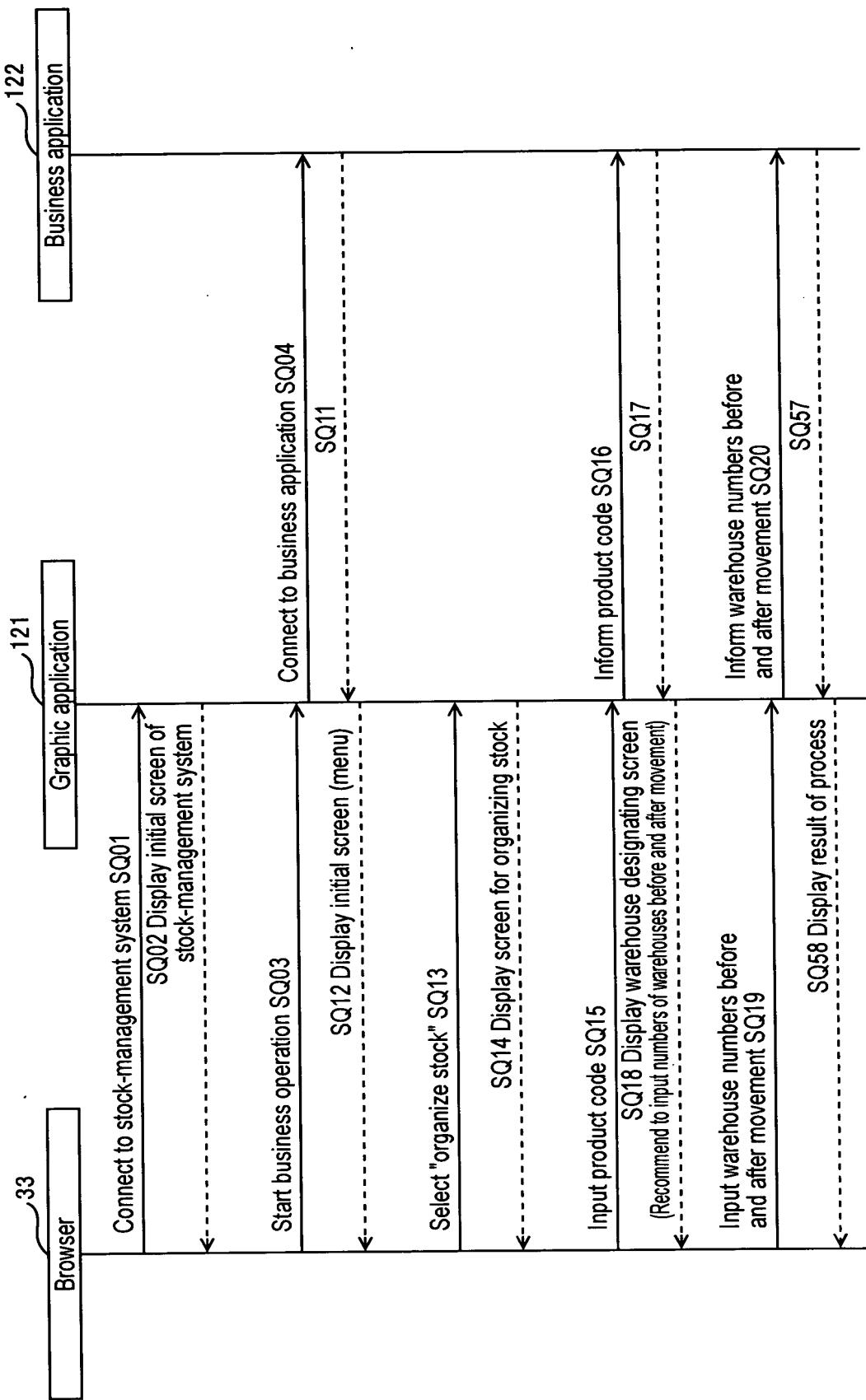


# FIG.8

Management table

Logical name of database	Location information about database
DB001	ADRS001
	ADRS002
DB002	ADRS003
	ADRS004
	ADRS005

**FIG.9**



**FIG. 10**

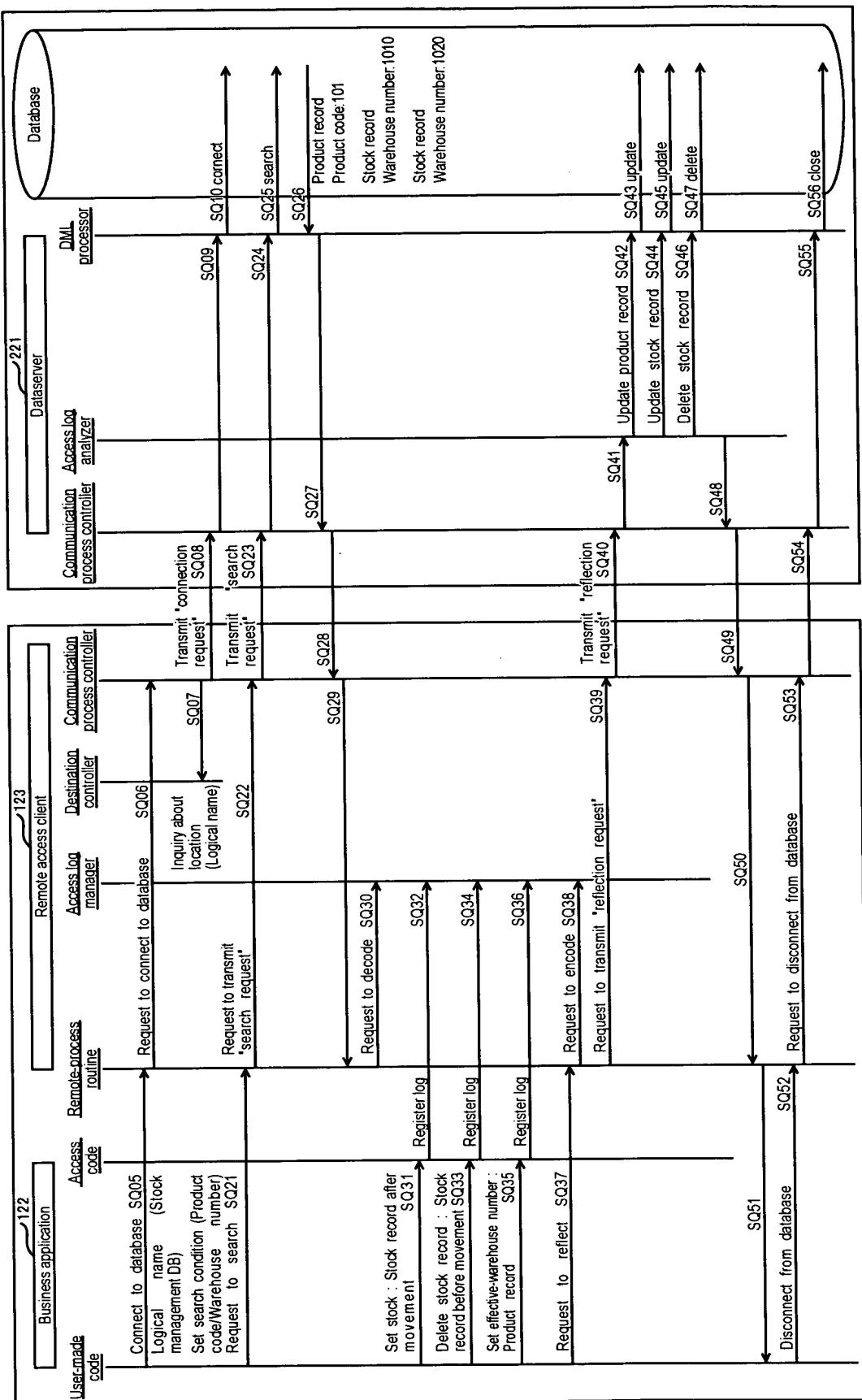


FIG.11

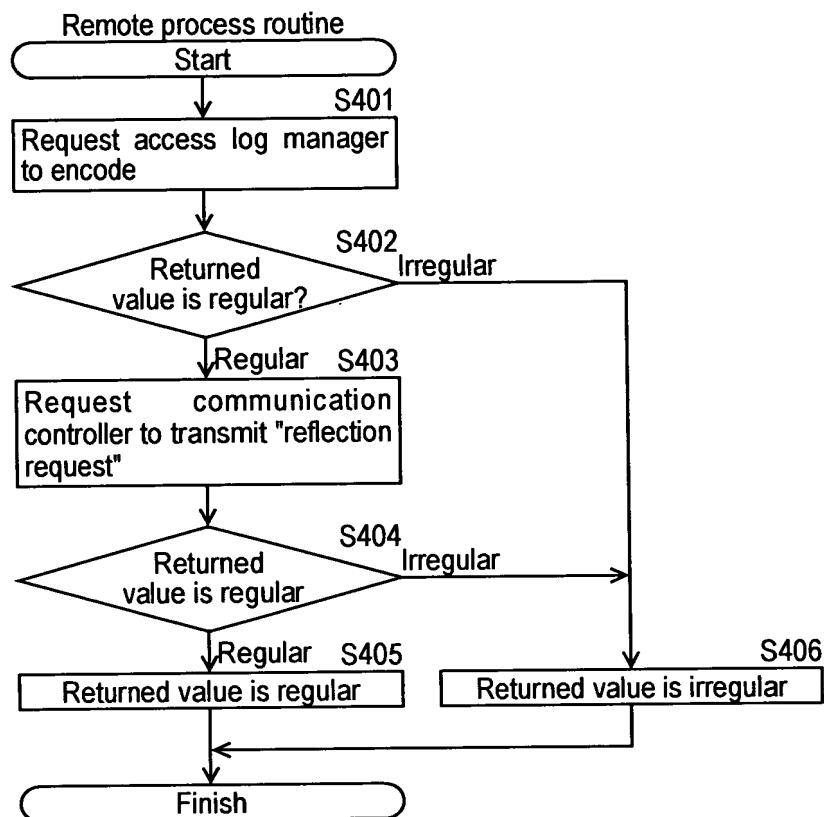


FIG.12

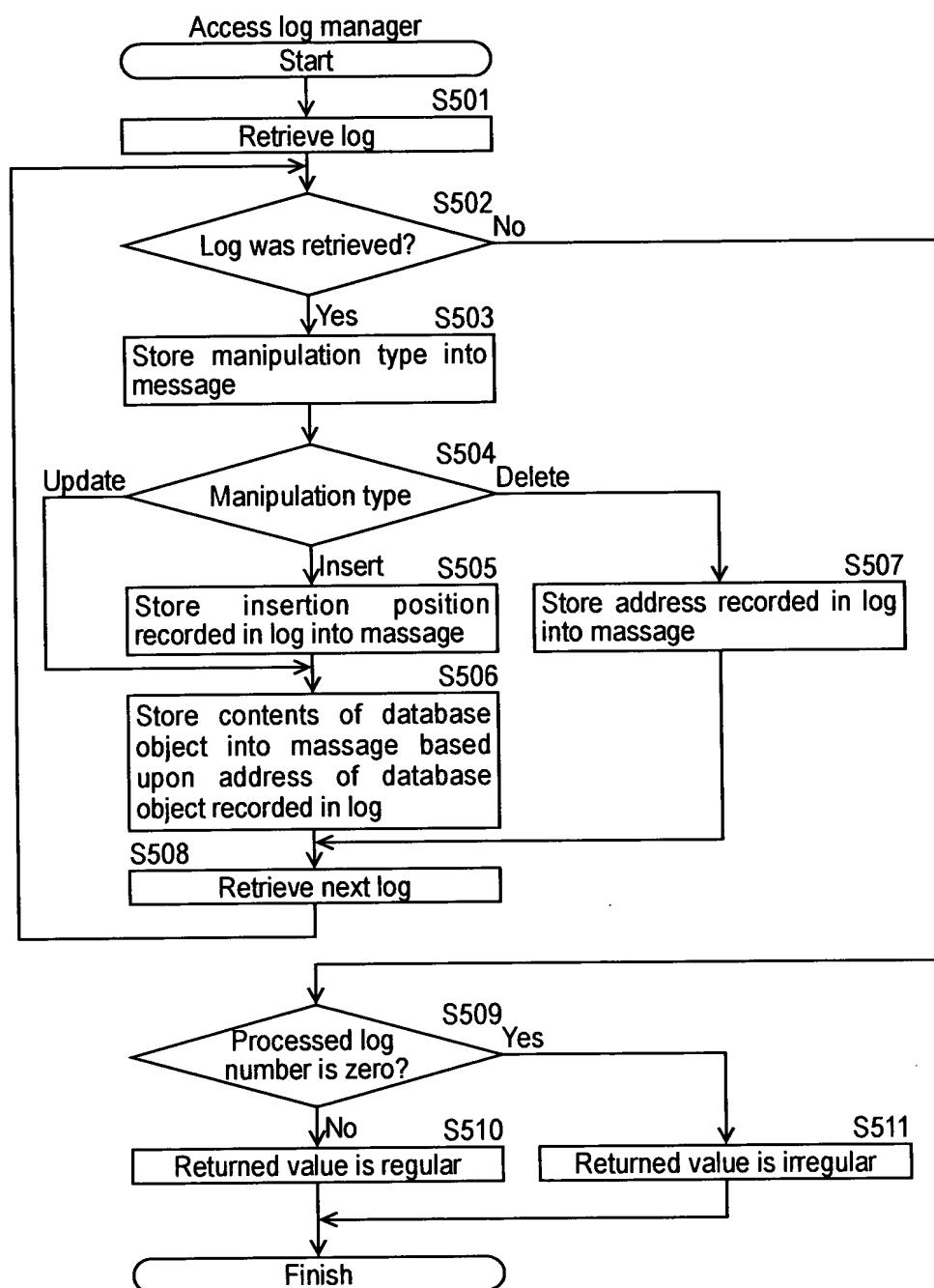
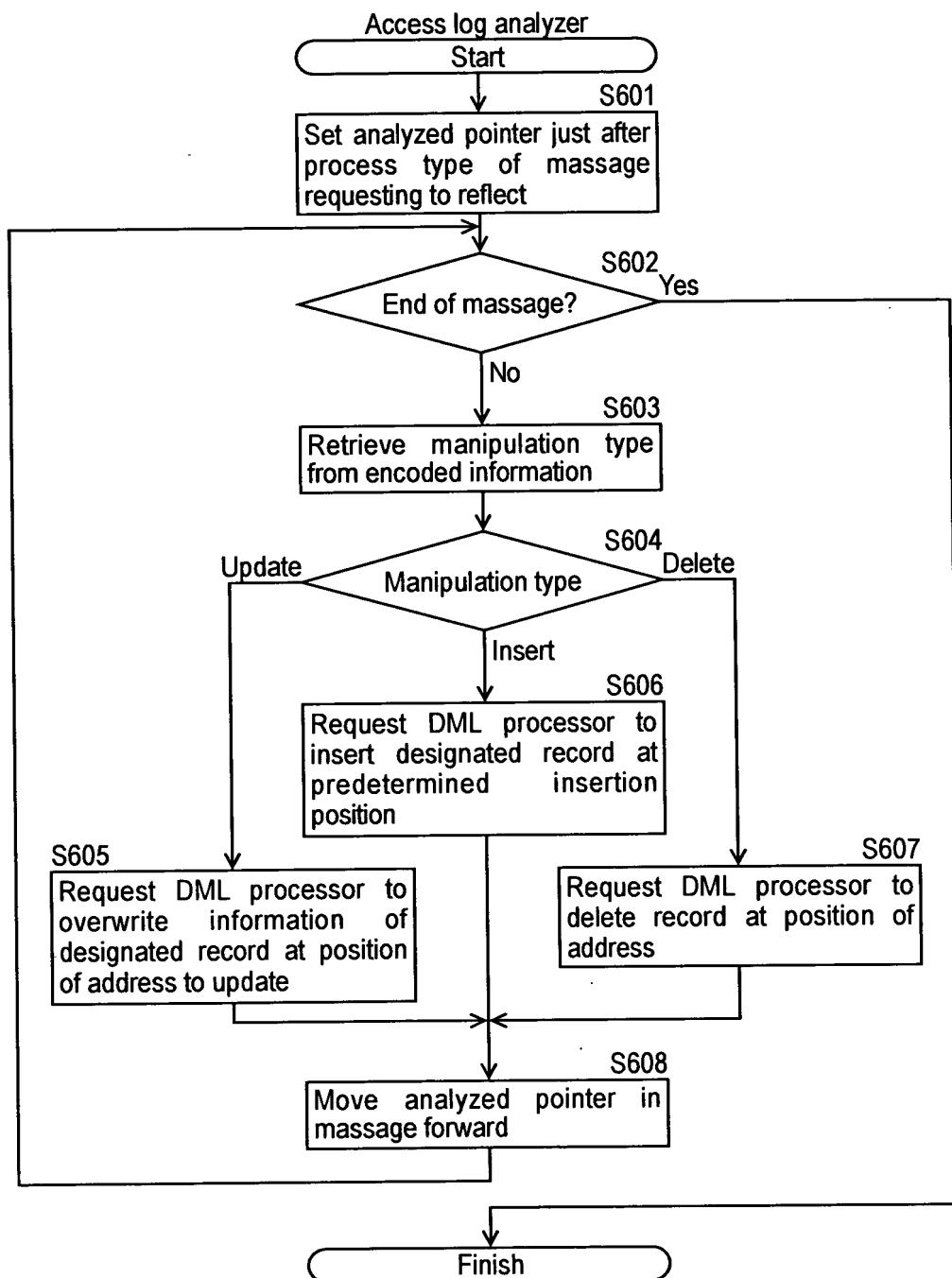
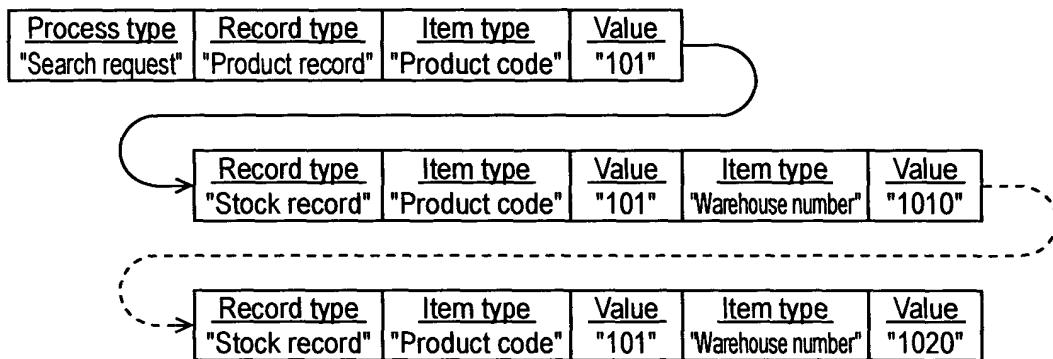


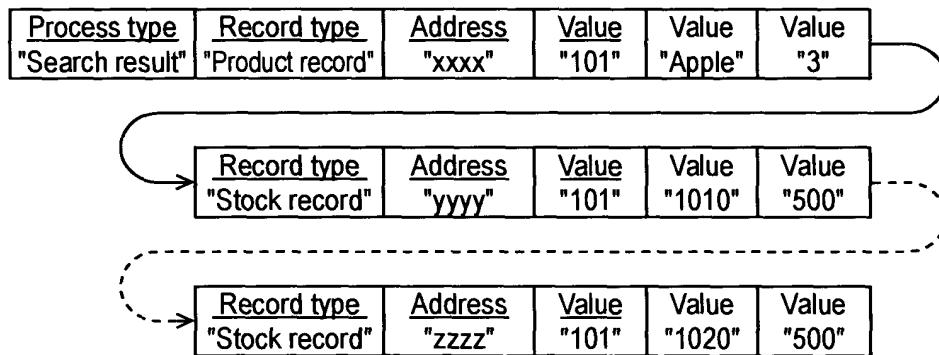
FIG.13



**FIG.14**



**FIG.15**



# FIG.16

		Manipulation type in process		
		Update	Insert	Delete
Registered manipulation type	No log	Register new log whose type is update	Register new log whose type is insert	Register new log whose type is delete
	Update	Update process only/no need to register	Error process because of sequence error	Register new log whose type is delete/abandon update log
	Insert	Update process only/no need to register	Error process because of sequence error	A b a n d o n registered log
	Delete	Error process because of sequence error	Error process because of sequence error	Error process because of sequence error

FIG.17

<u>Manipulation type</u>	<u>Address of database object</u>
"Update"	"qqqq"

FIG.18

<u>Manipulation type</u>	<u>Address</u>
"Delete"	"zzzz"

FIG.19

<u>Manipulation type</u>	<u>Address of database object</u>
"Update"	"pppp"

FIG.20

<u>Manipulation type</u>	<u>Insertion position</u>	<u>Address of database object</u>
"Insert"	"iii"	"ssss"

FIG.21

